

**ABSTRACT OF THE DISCLOSURE****METHOD AND SYSTEMS FOR SPACE RESERVATION ON  
PARKING LOTS WITH MECHANISMS FOR SPACE  
AUCTIONING, OVER-BOOKING, RESERVATION PERIOD  
EXTENSIONS, AND INCENTIVES**

Disclosed is a computer-driven reservation system for reserving spaces in a parking facility at an airport terminal. The reservation system comprises a central server, a database of locations and associated plurality of spaces, which may be reserved for customer use, and one or more customer terminals on which is displayed a graphical user interface (GUI) for receiving a customer's reservation request and enabling other customer interactions. The central server, database and customer terminals are interlinked via a network. The central server includes a reservation utility that provides a reservation GUI and a printable reservation coupon with reservation information when a space is reserved. In one embodiment, central server comprises an auction utility that monitors the number of spaces available in a particular location and when the number falls below a predetermined number, implements an auction procedure for all of the remaining number of spaces. Each remaining space is then allocated to a highest bidder.